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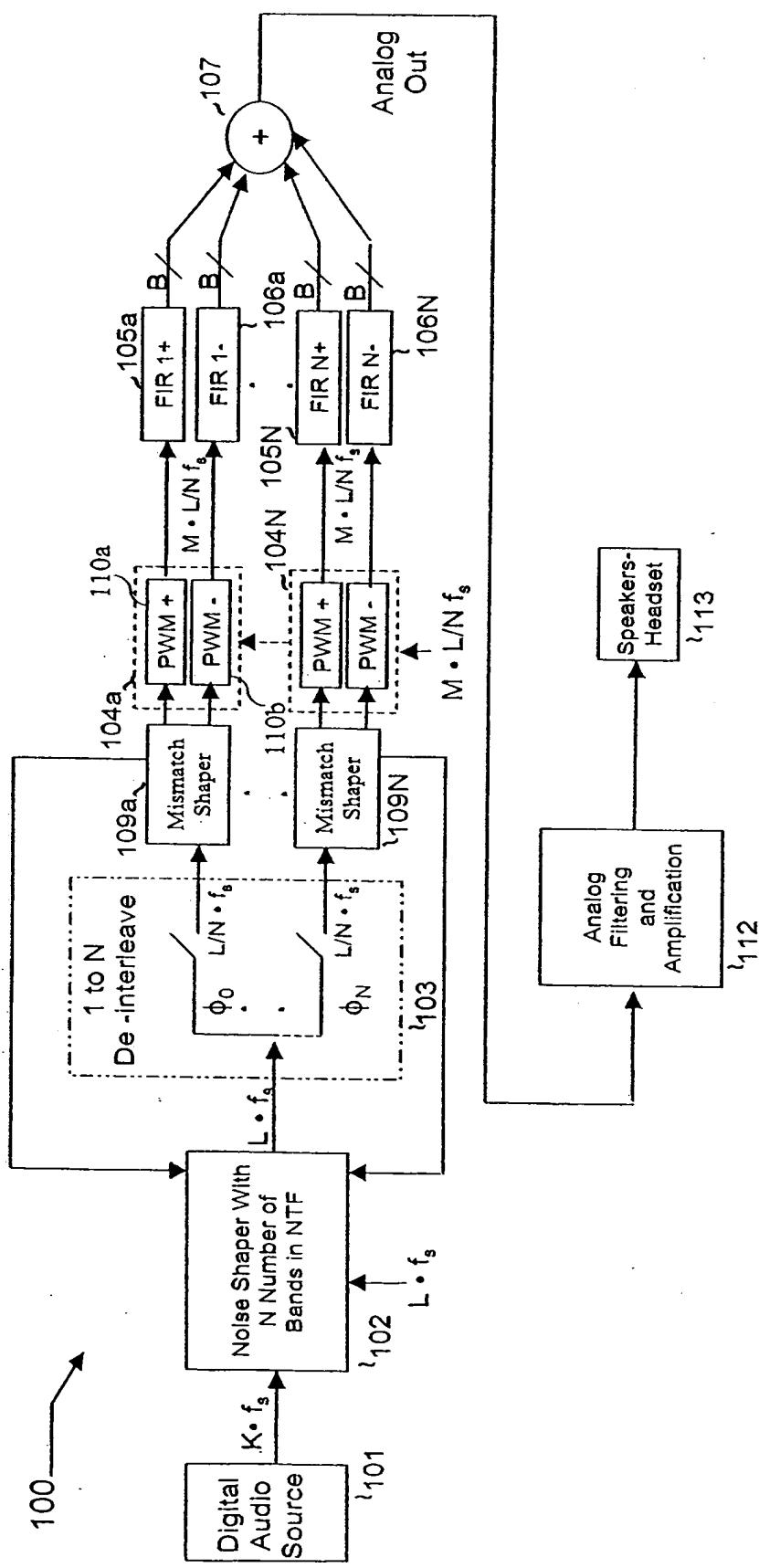


Fig. 1A

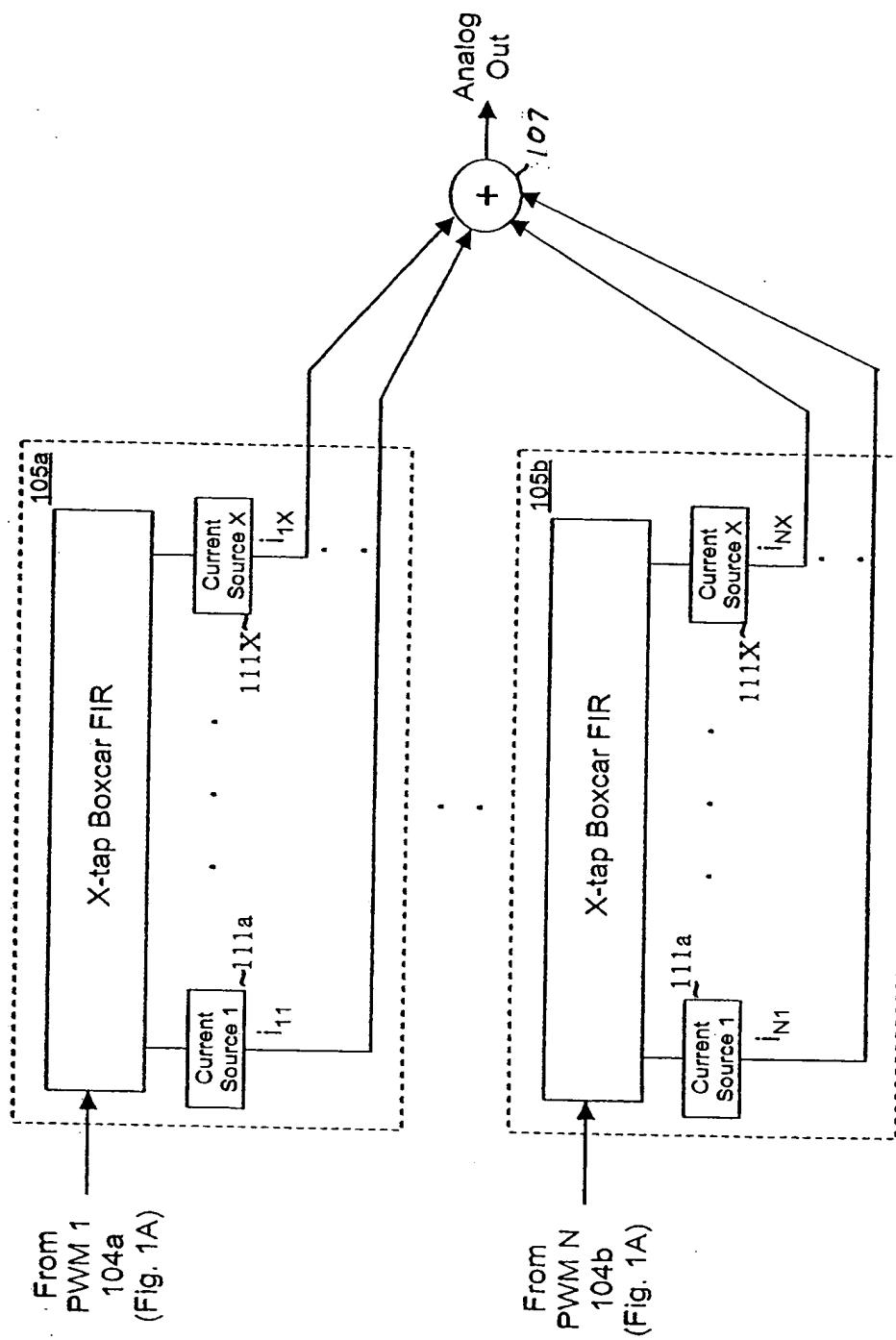


Fig. 1B

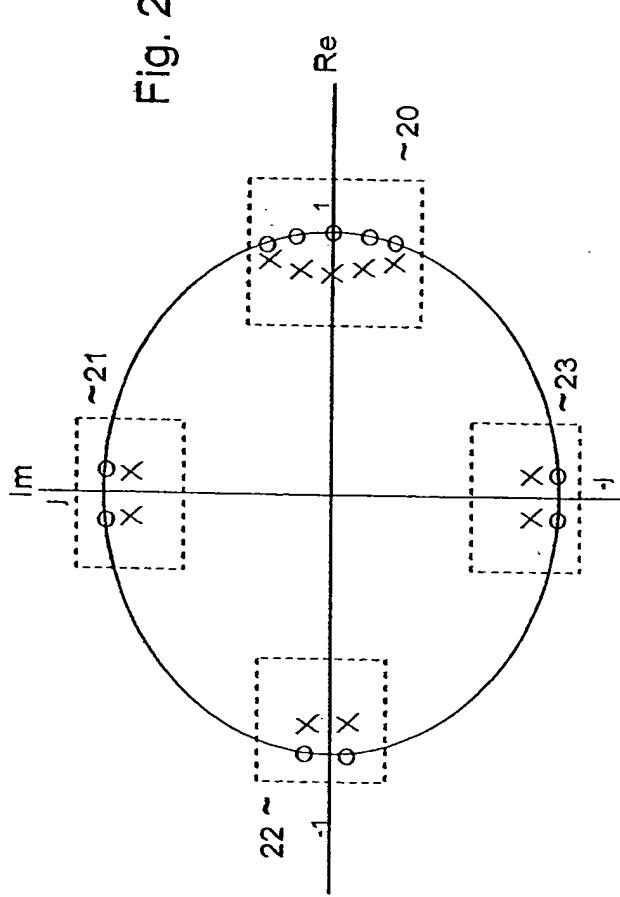
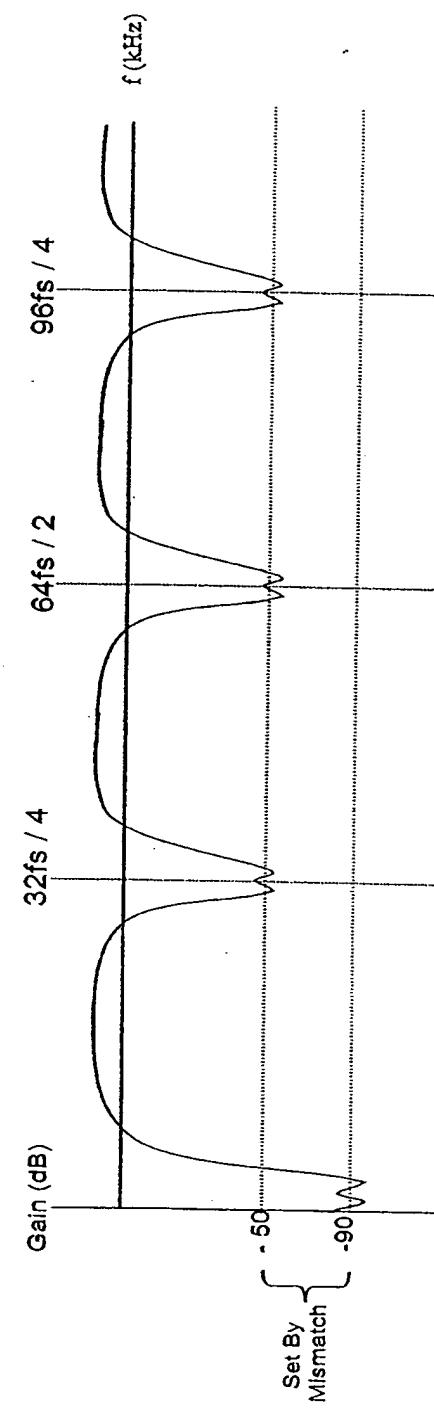


Fig. 2A



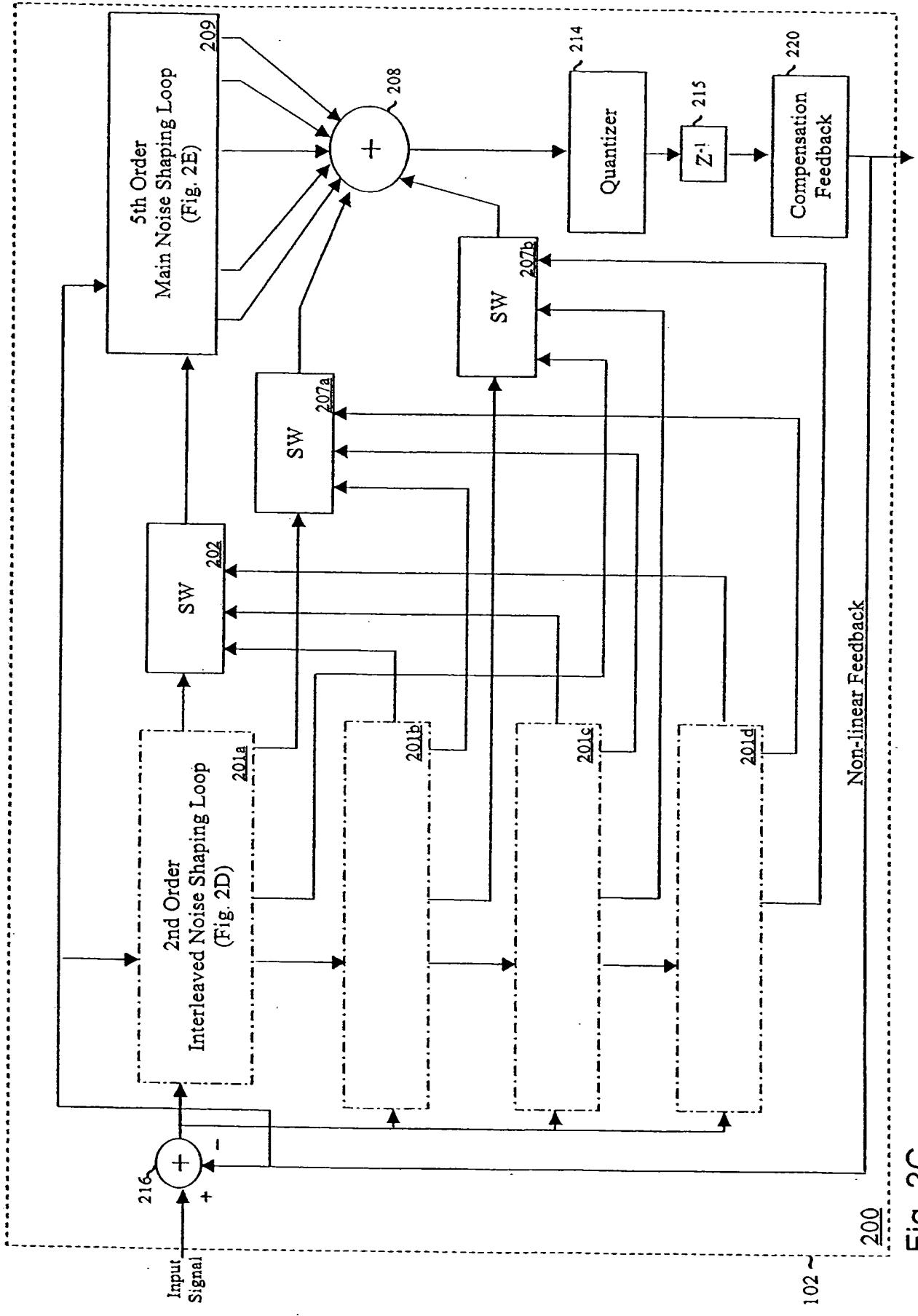
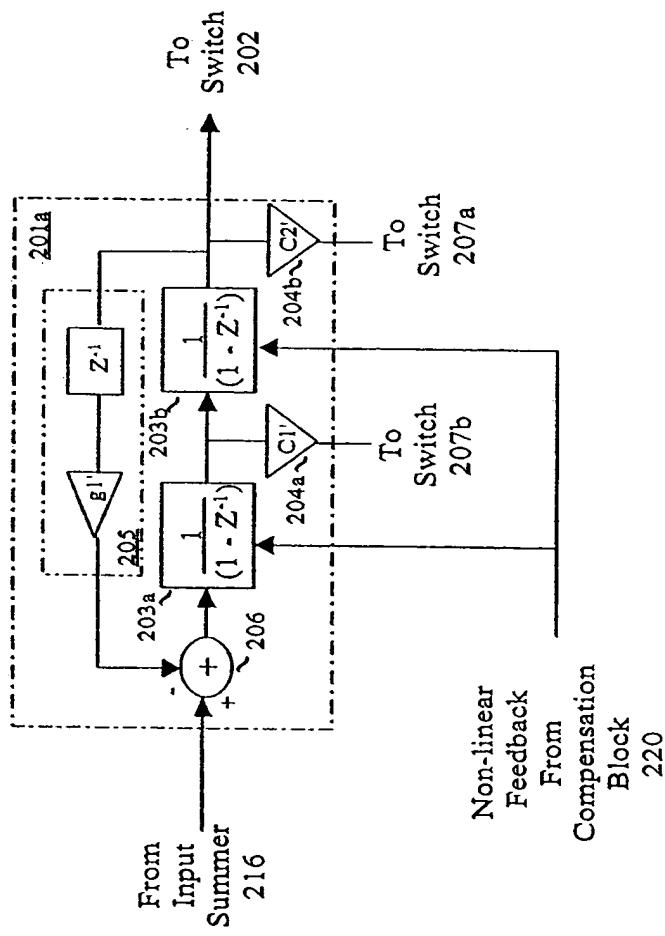


Fig. 2C

Fig. 2D



Non-linear Compensation Block 220

Non-linear Feedback From Compensation Block 220

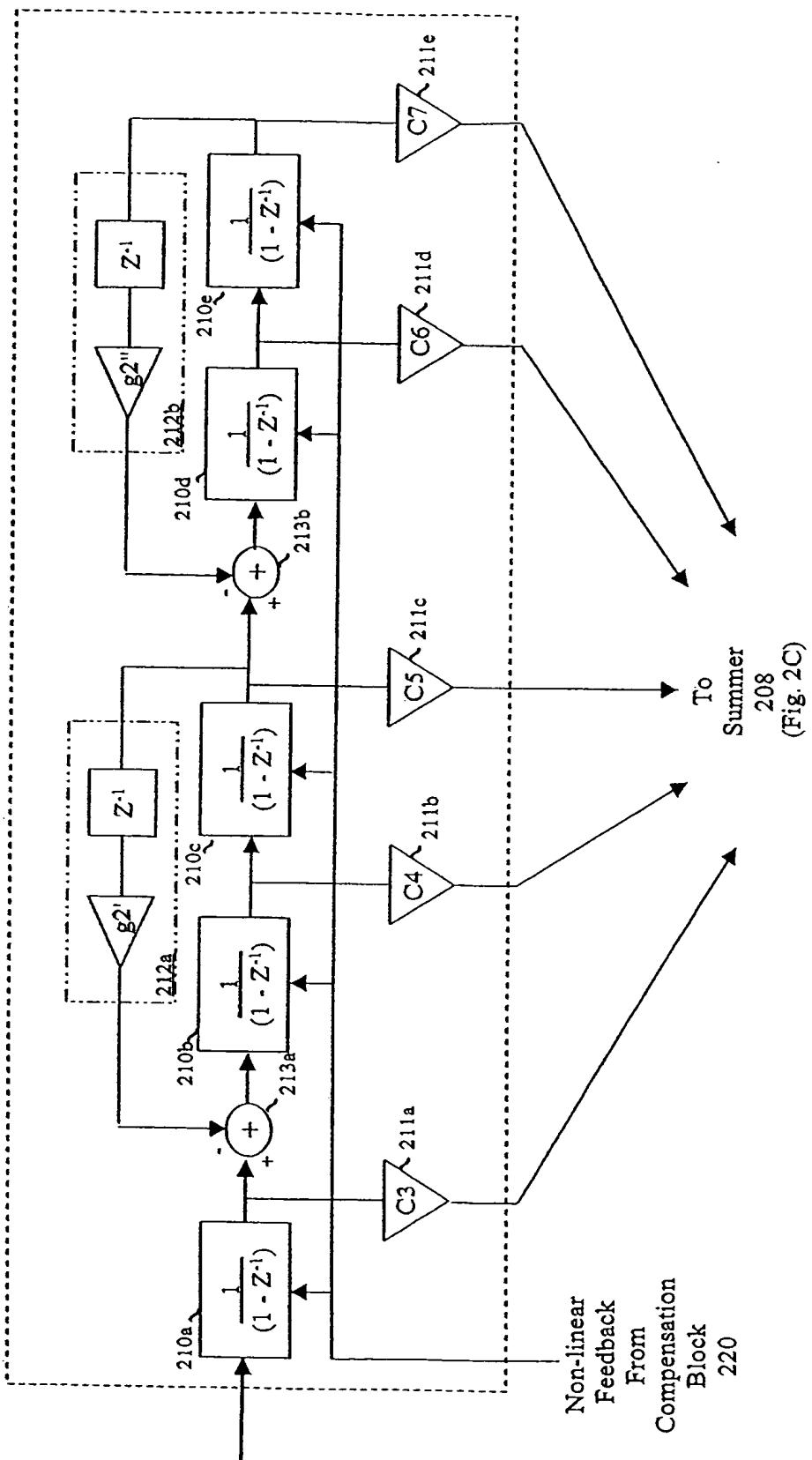


Fig. 2E

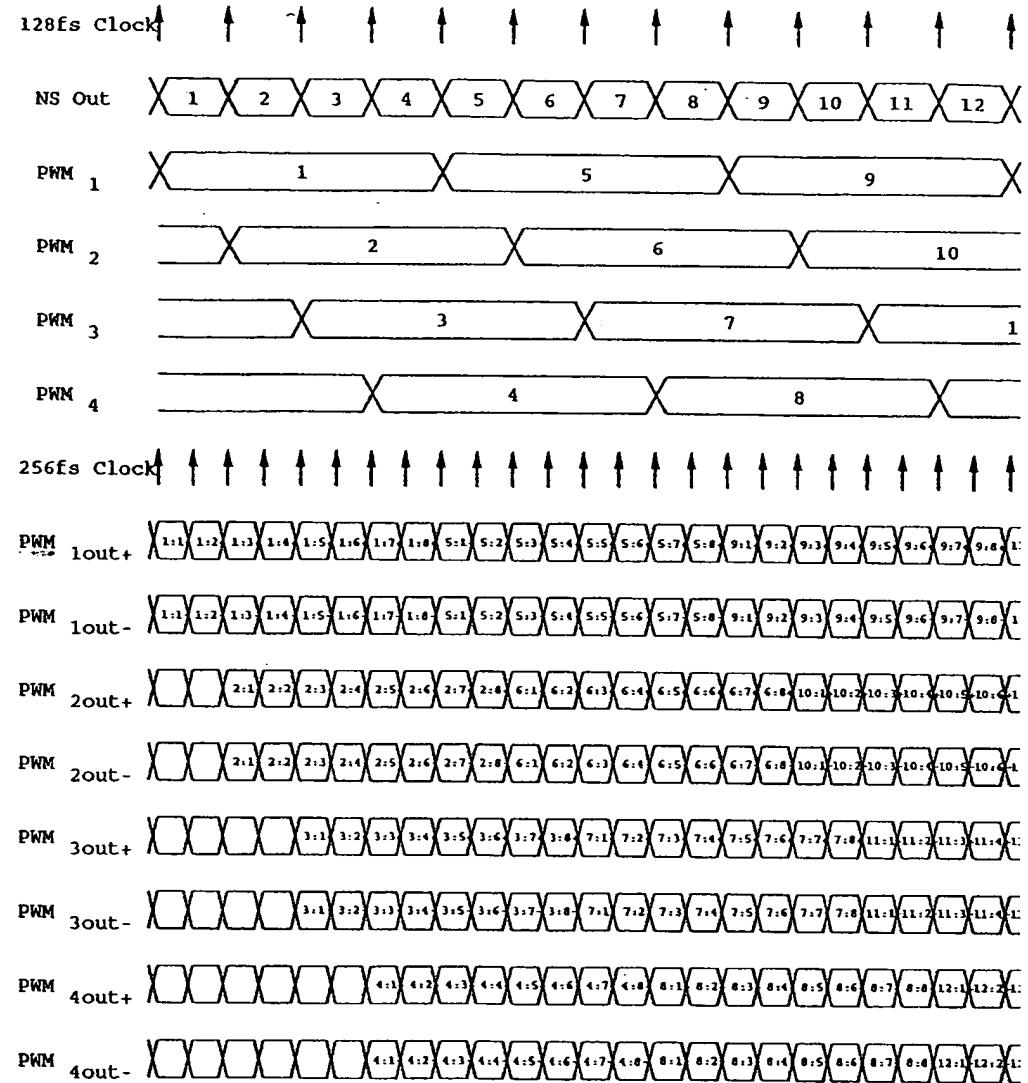


Figure 3

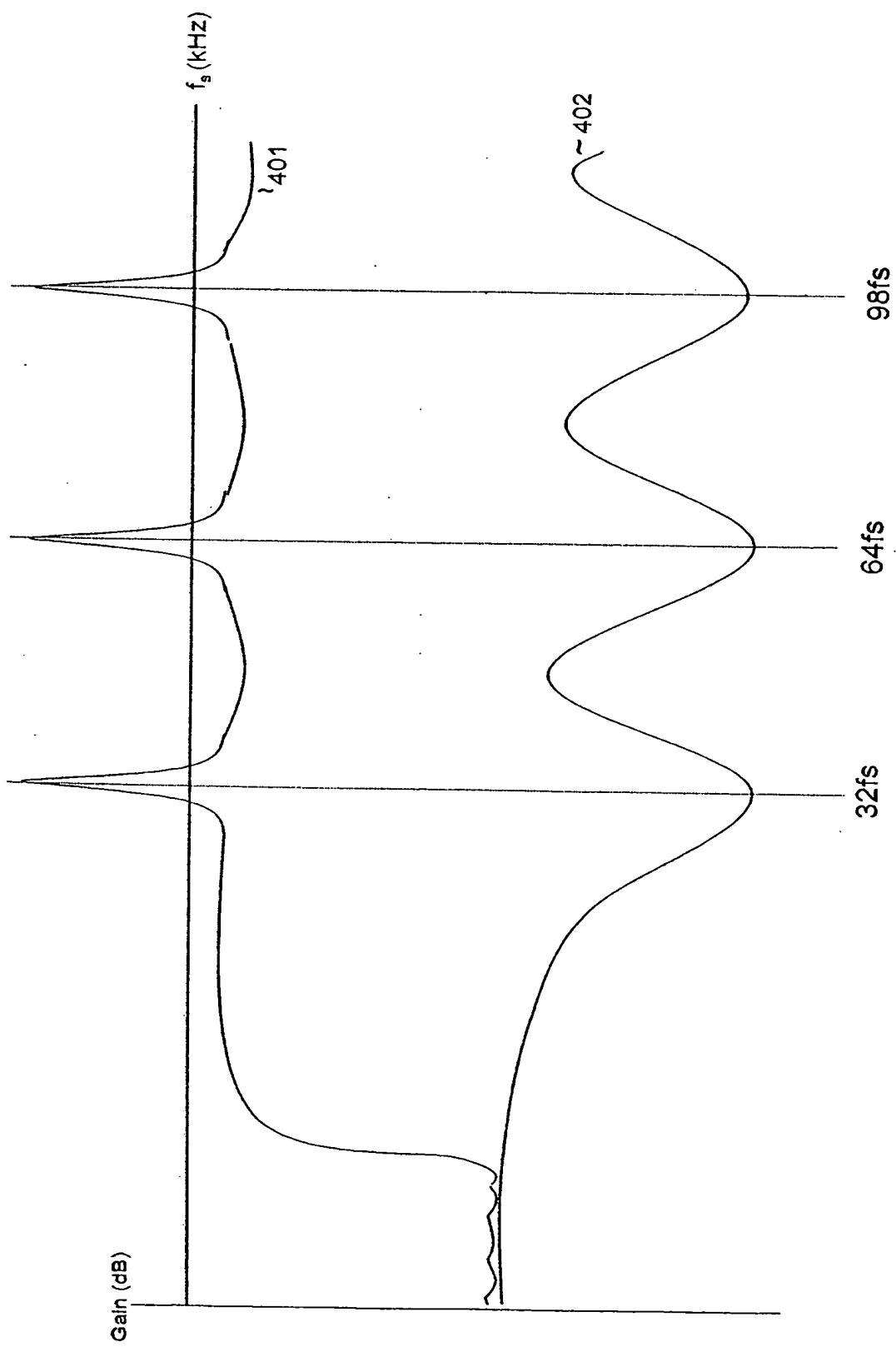


Fig. 4



Figure 5A

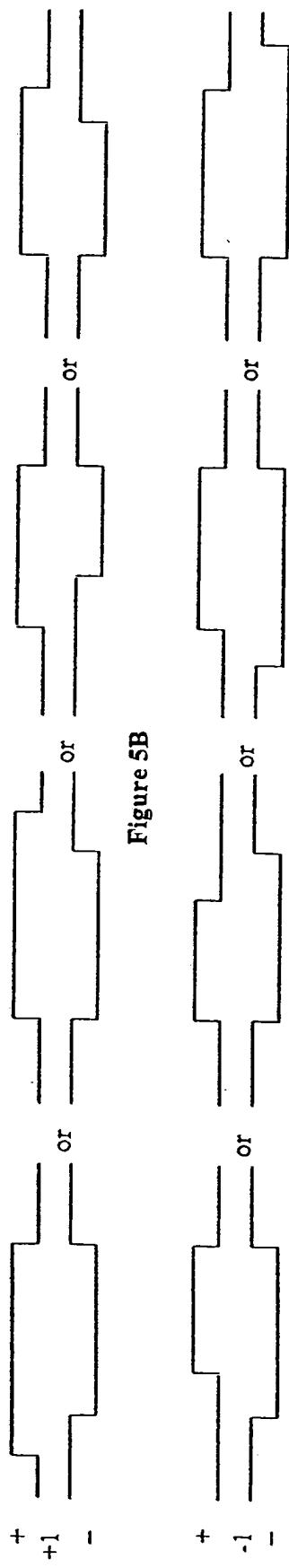


Figure 5B

Figure 5C

Fig. 6A

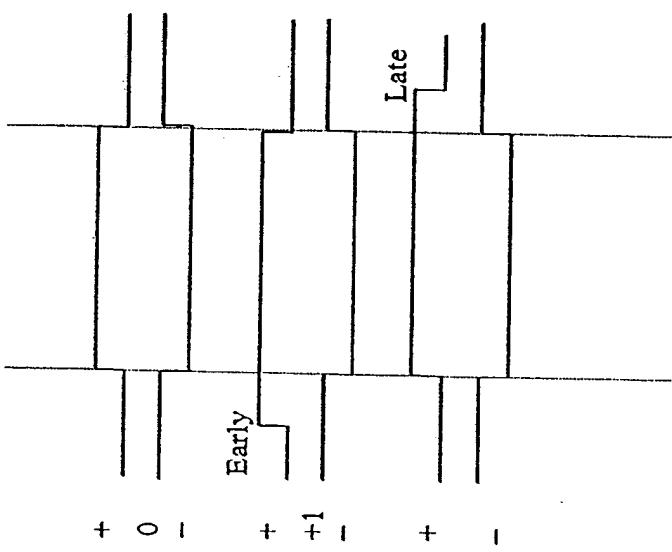


Fig. 6B

Fig. 6C

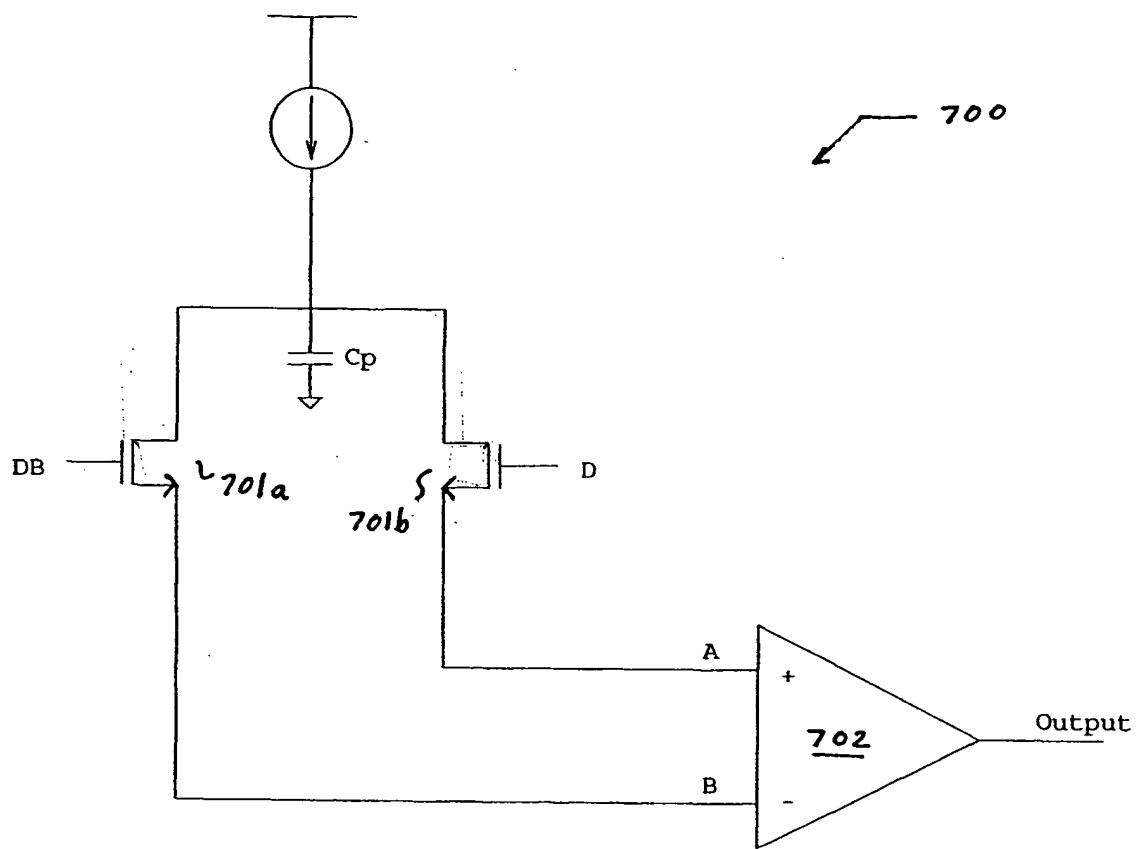


Fig. 7A

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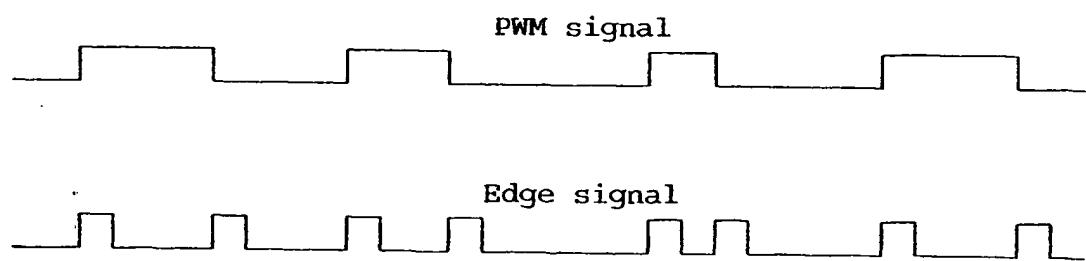


Fig. 7B

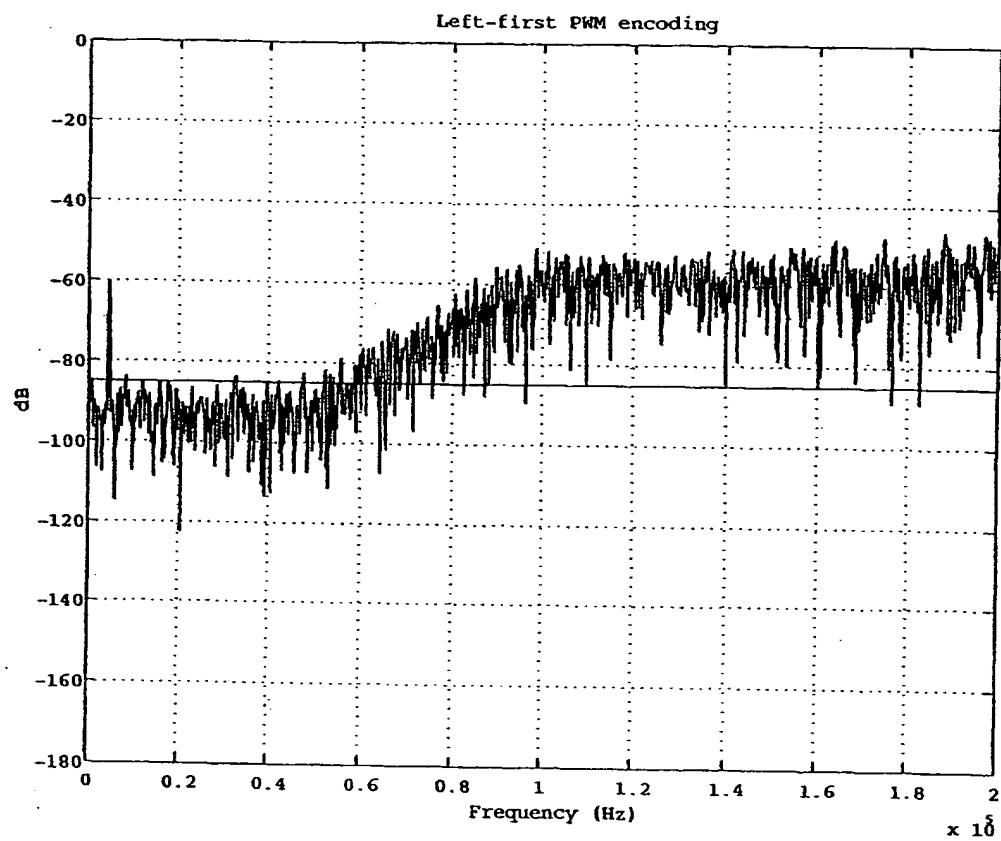


Fig. 7C

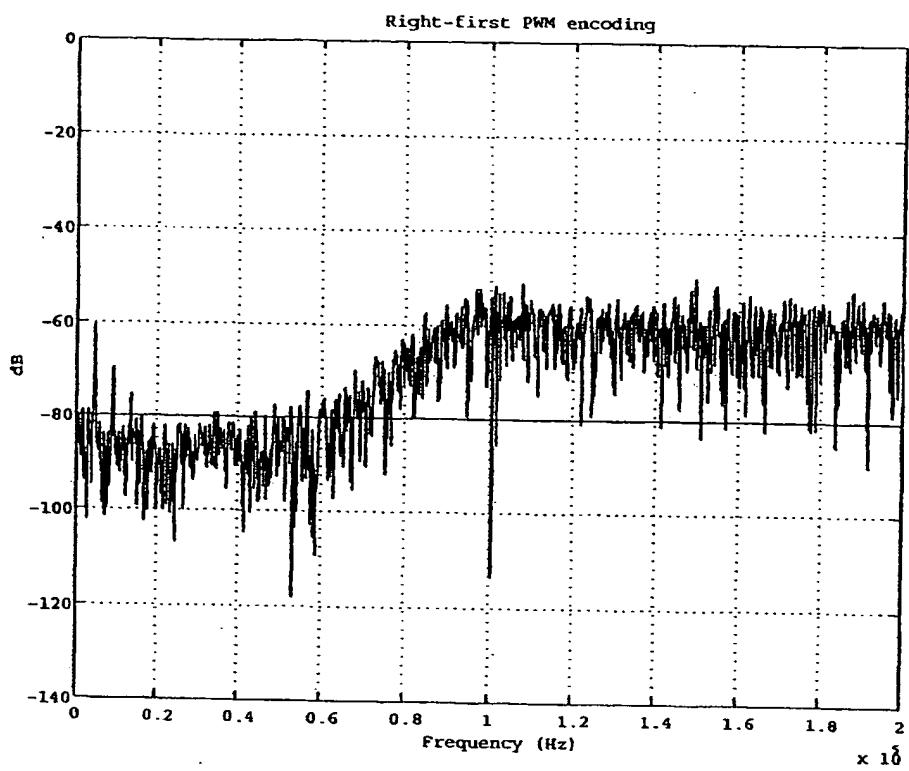


Fig. 7D

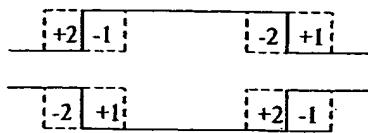


Fig. 8a

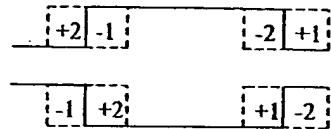
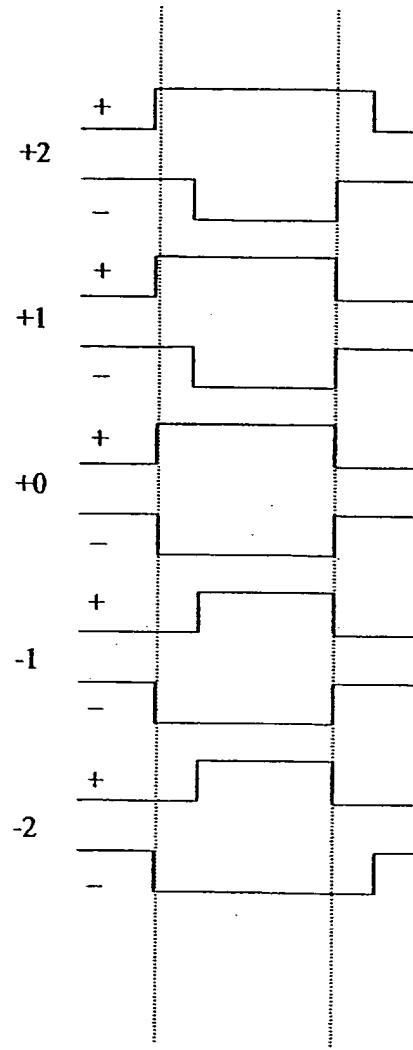


Fig. 8b

PWM pulses w/shaper=0



edge signal with shaper=0

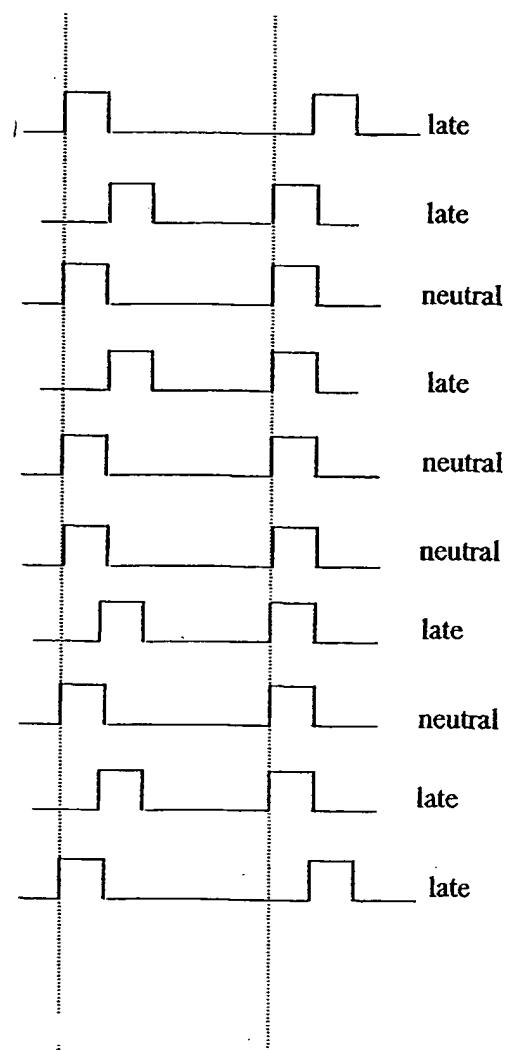
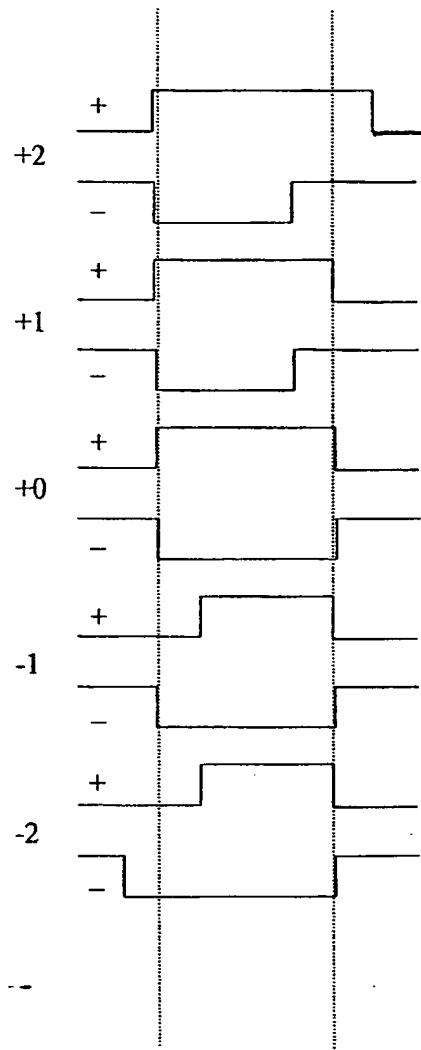


Fig. 9A

PWM pulses w/shaper=0



Edge signal with shaper=0

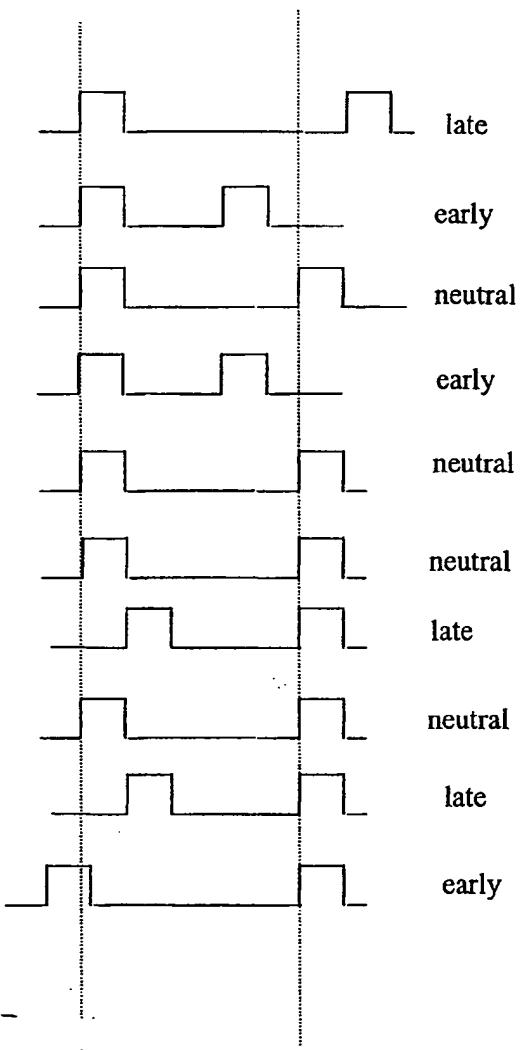
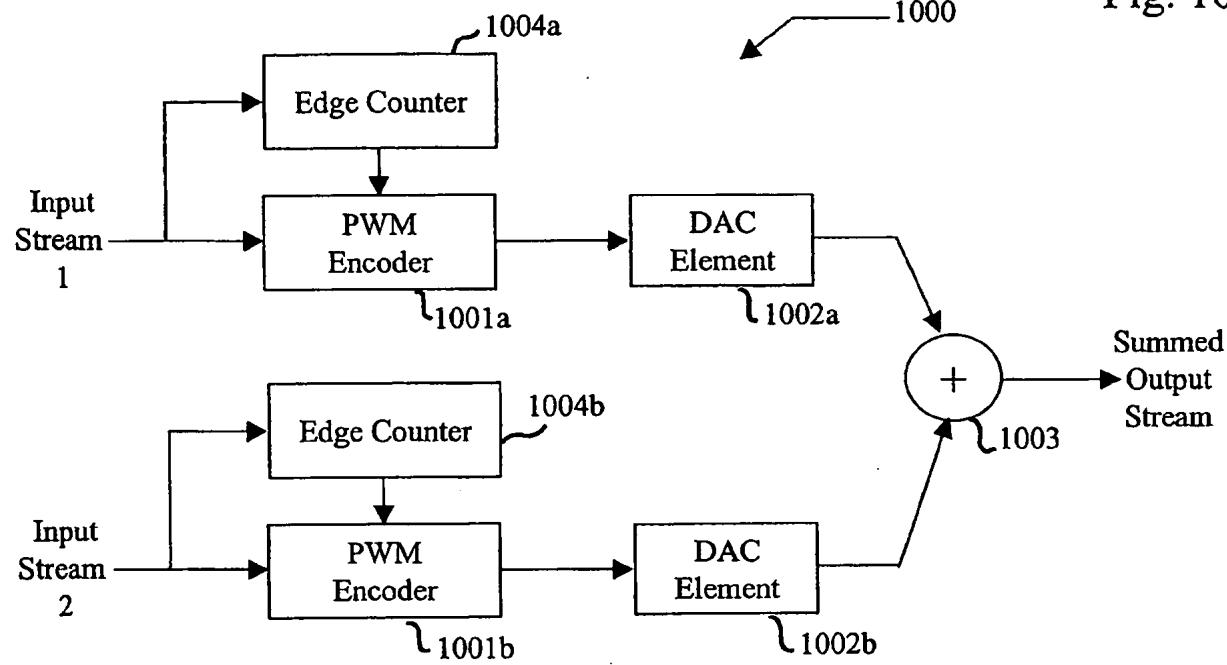


Fig. 9B

Fig. 10



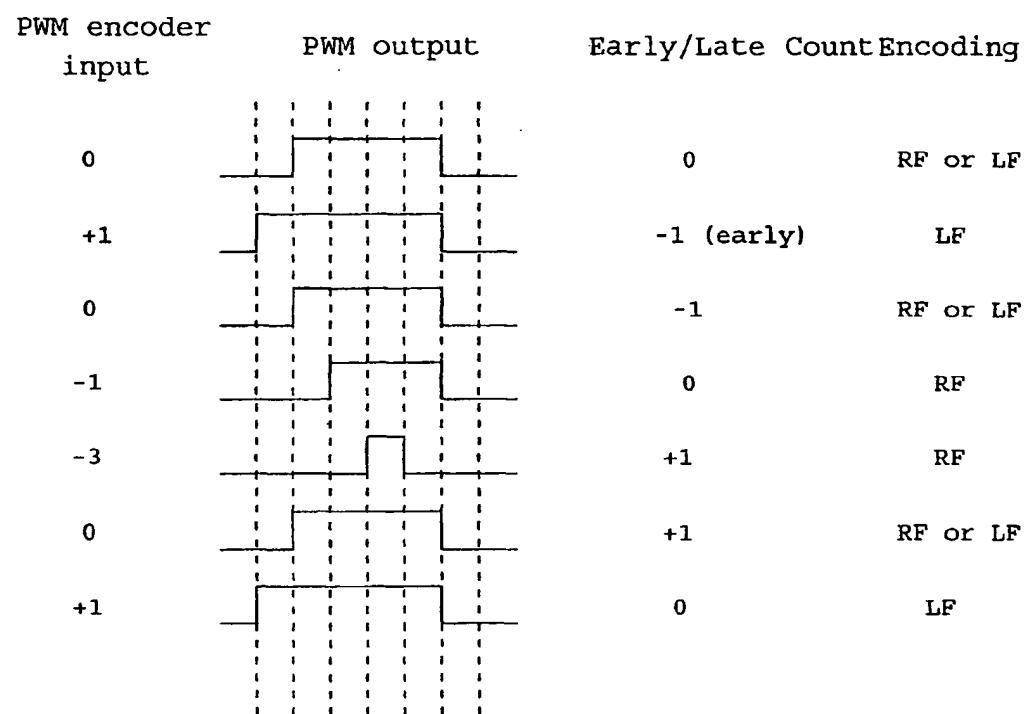


Fig. 11

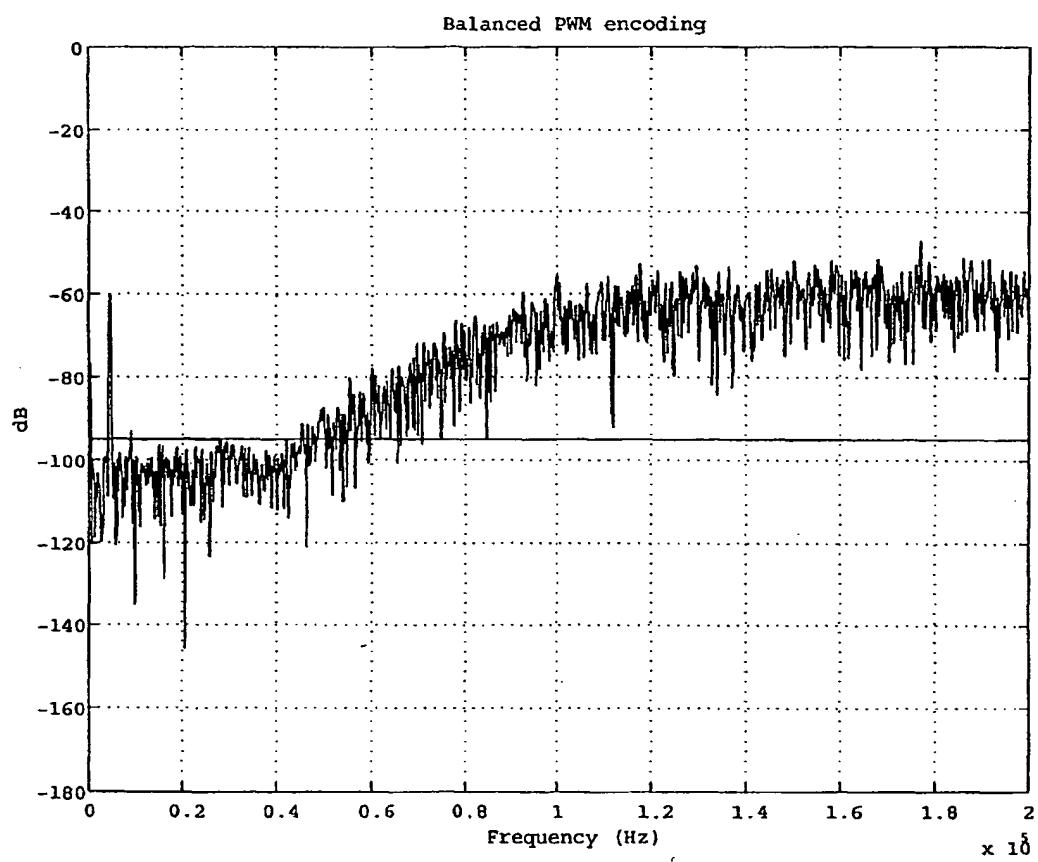


Fig. 12